



All dimensions are in mm; tolerances according to ISO 2768 m-H

**Interface**

According to MIL-STD-348A, Fig. 303

**Documents**

Assembly instruction 41 B

**Material and plating**

**Connector parts**

- Center contact
- Outer contact
- Body
- Dielectric
- Gasket

**Material**

- Beryllium copper
- Brass
- Brass
- PTFE
- Silicone

**Plating**

- Gold, min. 1.27 µm, over chemical nickel
- Flash white bronze over silver(e.g. Optargen®)
- Flash white bronze over silver(e.g. Optargen®)

**Electrical data**

Impedance	50 Ω
Frequency	DC to 300 MHz
Insulation resistance	≥ 5 x 10 <sup>3</sup> MΩ
Center contact resistance	≤ 2 mΩ
Outer contact resistance	≤ 0.2 mΩ
Test voltage (at sea level)	min. 5,000 V rms
Working voltage (at sea level)	max. 1,600 V rms

- Limitations are possible due to the used cable type -

**Mechanical data**

Mating cycles	min. 500
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**Environmental data**

Temperature range	-65°C to +165°C
Thermal shock	MIL-STD-202, Meth. 107, Cond. B
Corrosion	MIL-STD-202, Meth. 101, Cond. B
Vibration	MIL-STD-202, Meth. 204, Cond. B
Shock	MIL-STD-202, Meth. 213, Cond. I
Moisture resistance	MIL-STD-202, Meth. 106

**Tooling**

N/A

**Suitable cables**

RG 58 C/U, RG 141/U

**Packing**

Standard	1 pce in bag
Weight	23.3 g/pce

While the information has been carefully compiled to the best of our knowledge, nothing is intended as representation or warranty on our part and no statement herein shall be construed as recommendation to infringe existing patents. In the effort to improve our products, we reserve the right to make changes judged to be necessary.

Draft	Date	Approved	Date	Rev.	Engineering change number	Name	Date
Rong Fang	28/04/05	Chr. Entfellner	02/05/05	a00	04-0130	Rong Fang	28/04/05
Rosenberger Hochfrequenztechnik GmbH & Co. KG P.O.Box 1260 D-84526 Tittmoning Germany <a href="http://www.rosenberger.de">www.rosenberger.de</a>						Tel.: +49 8684 18-0 Fax: +49 8684 18-499 email: <a href="mailto:info@rosenberger.de">info@rosenberger.de</a>	
						Page	2 / 2